

ARIZONA DEPARTMENT OF HEALTH SERVICES EMERGENCY MEDICAL SERVICES

Instructional Strategies for EMS Instructors

Course Description:

This course is designed to prepare and make eligible the participant to gain approval from the Office of EMS as a Basic EMT instructor.

This course will provide detailed information on requirements by the Office of EMS for conducting a Basic EMT course, instructing in a Basic EMT course, submission of paperwork, and certification of students. Also, This course offers a general overview of educational theories and principles. It is not possible, in a short course like this, to provide all the information one needs to be an instructor. Therefore, it is important that the participants have some requisite experience in conducting training and that they realize that this orientation program is the start of the journey, they will be responsible for expanding their knowledge and applying that knowledge in the classroom.

Methodology:

Description -

The course duration shall be a minimum of 124 hours.

It is designed to consist of 24 hour of didactic presentation, in which the participants will be provided with information via lectures, small group activities, individual activities and scenarios.

Additionally, each participant must complete a 100 hour internship in which they will assist an Approved Basic EMT instructor in an actual Basic EMT class, and under supervision prepare lesson plans, teach both a lecture session and skills session and perform the administrative functions associated with an EMT course.

Coordination/Instruction

Coordination: This course shall be coordinated by, or in conjunction with, a certified Basic EMT training program.

Instruction: The instructors for the course must currently be or have been within the last 3 years, Basic EMT instructors approved by the Office of EMS and should have considerable knowledge and experience in the field of education.

Competencies:

1. List the components required in Basic Emergency Medical Technology (EMT) courses according to standards set by the United States Department of Transportation (US DOT) and the Arizona Department of Health Services Office of Emergency Medical Services (ADHS - OEMS).
2. Define and describe the concepts of adult learning as they relate to students in EMT.
3. Apply teaching principles in the design of course syllabi, and lesson plans.
4. Design a lecture outline to include identification of time, AV aides, and any student study guides.
5. Use effectively all AV and EMT equipment.
6. Design teaching methods for skills to include airway management, administering oxygen, immobilization techniques, and application of pneumatic antishock garment (PASG).
7. Develop a student evaluation.
8. Prepare appropriate documentation for the American Heart Association (AHA), the ADHS - OEMS, and NREMT.
9. Successfully complete a multiple-choice examination on EMT-Basic knowledge and skills with 80% accuracy.
10. Successfully demonstrate application of all EMT-Basic skills according to the NREMT skills evaluation guidelines.
11. Complete 100 hours supervised classroom experience with a satisfactory evaluation.

Course Content:

- I. Orientation to US DOT, ADHS - OEMS, and NREMT Standards and Guidelines
 - A. Course content
 - B. Required skills
- II. Principles of Adult Learning
 - A. General learning theory
 - B. Characteristics of learners
 - C. The Domains
- III. Teaching Principles
 - A. Objectives for lectures and skills
 - B. Syllabus and lesson plans
 - C. Course calendar
 - D. Student study guides
- IV. Classroom Skills
 - A. Components of successful lecture
 - B. Components for effective teaching of skills
 - C. Classroom control
 - D. Discipline and counseling
 - E. Discrimination
 - F. Selection of text
 - G. Protection of self and others
- V. Audiovisual Aides
 - A. Preparation and development
 - B. Resources for purchase
 - C. Safe use of AV equipment
 - D. Safe use of monitoring and defibrillation equipment
- VI. Evaluation

- A. Test Construction
 - 1. Multiple choice
 - 2. Matching
 - 3. Essay
 - 4. Completion
 - B. Grading
 - 1. Distribution
 - 2. Evaluation of the course
- VII. Preparation for Certification Examinations
- VIII. Multiple-choice examination on EMT-Basic knowledge and skills
- IX. EMT-Basic skills testing according to the NREMT skills evaluation guidelines.
- X. 100 hours of supervised classroom experience which shall be the duration of 1 entire EMT class, shall be completed within 12 months, and shall include preparing lesson plans, teaching both didactic and practical skills, as well as performing all administrative functions associated with an EMT course. The participant of the instructional strategies course shall obtain a satisfactory written evaluation signed by an approved instructor and co-signed by the BLS training program director.